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Anne Antonoff
Anne Antonoff

In Re Application of:

Abdo, et al.

Confirmation No.: 2375

Serial No.: 10/603,038

Group Art Unit: TBA

Filed: June 24, 2003

Examiner: TBA

Docket No.: 61607-1730

For: **AUTOMATIC DISCOVERY OF NETWORK CORE TYPE**

The following is a list of documents enclosed:

Return Postcard
Form PTO-1449 (13 Pages)
Cited Art (A-EF)
Information Disclosure Statement

Further, the Commissioner is authorized to charge Deposit Account No. 20-0778 for any additional fees required. The Commissioner is requested to credit any excess fee paid to Deposit Account No. 20-0778.



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

This information disclosure statement is filed in accordance with 37 C.F.R. §§ 1.56, 1.97, and 1.98, and specifically:

- under 37 CFR 1.97(b), or
(within Three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
- under 37 CFR 1.97(c) together with either a:
 Statement Under 37 C.F.R. 1.97(e), or
 a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97(b) time period, but before the final office action or notice of allowance, whichever occurs first)
- under 37 CFR 1.97(d) together with a:
 Statement under 37 CFR 1.97(e), and
 a \$180.00 petition fee set forth in 37 CFR 1.17(p).
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Please charge \$ to deposit account . At any time during the pendency of this application, please charge any fees required to Deposit Account 16-0255 pursuant to 37 CFR 1.25. The Commissioner is hereby requested to credit any overpayment to Deposit Account No. 16-0255.

- Applicant(s) submit herewith *Form PTO 1449A - Information Disclosure Statement by Applicant* together with copies (where required) of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may or may not be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56. As required by 37 C.F.R. §1.98(a), a legible copy of each document is provided.
- A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56(c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on the form PTO 1449 and is enclosed herewith.

The following rights are reserved by the Applicant(s): the right to establish the patentability of the claimed invention over any of the listed documents should they be applied as reference, and/or the right to prove that some of these documents may not be prior art, and/or the right to prove that some of these documents may not be enabling for the teachings they purport to offer.

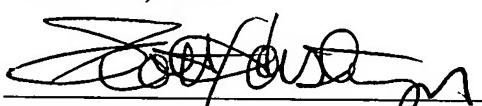
This statement should not be construed as a representation that an exhaustive search has been made, or that information more material to the examination of the present application does not exist. Any statements or identifications regarding the relevance of any portion(s) of cited references should not be construed as a representation that the most relevant portion(s) have been identified, and the absence of such statements or identifications should not be construed as representations that there are no relevant portion(s). The Examiner is specifically requested not to rely solely on the materials submitted herewith. The Examiner is requested to conduct an independent and thorough review of the documents, and to form independent opinions as to their significance.

It is requested that the information disclosed herein be made of record in this application and that the Examiner initial and return a copy of the enclosed PTO-1449 to indicate the documents have been considered.

Respectfully Submitted,

**THOMAS, KAYDEN, HORSTEMEYER
& RISLEY, L.L.P.**

By:


Scott A. Horstemeyer, Reg. No. 34,183

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Form PTO-1449

**INFORMATION DISCLOSURE CITATION**

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Attorney Docket No.
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Abdo, et al.Filing Date
06/24/03Group
TBA**U.S. PATENT DOCUMENTS**

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation
							Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

A	RFC 760: DOD Standard Internet Protocol (Available at ftp://ftp.isi.edu/in-notes/rfc760.txt) V; January 1980; Pages i-iii, 1-42.
B	RFC 777: Internet Control Message Protocol (Available at ftp://ftp.isi.edu/in-notes/rfc777.txt); Jon Postel; April 1981; Pages 1 – 14.
C	RFC 787: Connectionless Data Transmission Survey/Tutorial (Available at ftp://ftp.isi.edu/in-notes/rfc787.txt); A. Lyman Chapin; May 22, 1981; Pages 1-41.
D	RFC 791: Internet Protocol: DARPA Internet Program Protocol Specification (Available at ftp://ftp.isi.edu/in-notes/rfc791.txt); The Information Sciences Institute of the University of Southern California; Editor: Jon Postel; September 1981; Pages i – iii, 1 – 45.
E	RFC 792: Internet Control Message Protocol: DARPA Internet Program Protocol Specification (Available at ftp://ftp.isi.edu/in-notes/rfc792.txt); Jon Postel; September 1981; Pages 1 – 21.
F	RFC 874: A Critique of X.25 (Available at ftp://ftp.isi.edu/in-notes/rfc874.txt); M. A. Padlipsky; September 1982; Pages i, 1 – 13.
G	RFC 877: A Standard for the Transmission of IP Datagrams Over Public Data Networks (Available at ftp://ftp.isi.edu/in-notes/rfc877.txt); J. T. Korb; September 1983; Pages 1 – 2.
H	RFC 894: A Standard for the Transmission of IP Datagrams over Ethernet Networks (Available at ftp://ftp.isi.edu/in-notes/rfc894.txt); Charles Hornig; April 1984; Pages 1 – 3.
I	RFC 895: A Standard for the Transmission of IP Datagrams over Experimental Ethernet Networks (Available at ftp://ftp.isi.edu/in-notes/rfc895.txt); Jon Postel; April 1984; Pages 1 – 3.
J	RFC 948: Two Methods for the Transmission of IP Datagrams over IEEE 802.3 Networks (Available at ftp://ftp.isi.edu/in-notes/rfc948.txt); Ira Winston; June 1985; Pages 0 – 5.
K	RFC 950: Internet Standard Subnetting Procedure (Available at ftp://ftp.isi.edu/in-notes/rfc950.txt); J. Mogul and Jon Postel; August 1985; Pages 1 – 18.

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:

DATE CONSIDERED:

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
	L	RFC 1009: Requirements for Internet Gateways (Available at ftp://ftp.isi.edu/in-notes/rfc1009.txt); Robert Braden and Jon Postel; June 1987; Pages 1 – 55.					
	M	RFC 1042: A Standard for the Transmission of IP Datagrams over IEEE 802 Networks (Available at ftp://ftp.isi.edu/in-notes/rfc1042.txt); Jon Postel and J. Reynolds; February 1988; Pages 1 – 15.					
	N	RFC 1051: A Standard for the Transmission of IP Datagrams and ARP Packets over ARCNET Networks (Available at ftp://ftp.isi.edu/in-notes/rfc1051.txt); P. Prindeville; March 1988; Pages 1 – 4.					
	O	RFC 1053: Telnet X.3 PAD Option (Available at ftp://ftp.isi.edu/in-notes/rfc1053.txt); S. Levy and T. Jacobson; April 1988; Pages 1 – 21.					
	P	RFC 1055: A Nonstandard for Transmission of IP Datagrams Over Serial Lines: SLIP (Available at ftp://ftp.isi.edu/in-notes/rfc1055.txt); J. Romkey; June 1988; Pages 1 – 6.					
	Q	RFC 1086: ISO-TP0 bridge between TCP and X.25 (Available at ftp://ftp.isi.edu/in-notes/rfc1086.txt); Julian P. Onions and Marshall Rose; December 1988; Pages 1 – 9.					
	R	RFC 1088: A Standard for the Transmission of IP Datagrams over NetBIOS Networks (Available at ftp://ftp.isi.edu/in-notes/rfc1088.txt); Leo J. McLaughlin III; February 1989; Pages 1 – 3.					
	S	RFC 1090: SMTP on X.25 (Available at ftp://ftp.isi.edu/in-notes/rfc1090.txt); Robert Ullmann; February 1989; Pages 1 – 4.					
	T	RFC 1103: A Proposed Standard for the Transmission of IP Datagrams over FDDI Networks (Available at ftp://ftp.isi.edu/in-notes/rfc1103.txt); Dave Katz; June 1989; Pages 1 – 9.					
	U	RFC 1122: Requirements for Internet Hosts – Communication Layers (Available at ftp://ftp.isi.edu/in-notes/rfc1122.txt); The Internet Engineering Task Force; Editor: Robert Braden; October 1989; Pages 1 – 116.					
	V	RFC 1134: The Point-to-Point Protocol: A Proposal for Multi-Protocol Transmission of Datagrams Over Point-to-Point Links (Available at ftp://ftp.isi.edu/in-notes/rfc1134.txt); Drew D. Perkins; November 1989; Pages 1 – 38.					
* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.							
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FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)								
	W	RFC 1171: The Point-to-Point Protocol for the Transmission of Multi-Protocol Datagrams Over Point-to-Point Links (Available at ftp://ftp.isi.edu/in-notes/rfc1171.txt); Drew D. Perkins; July 1990; Pages 1 – 48.						
	X	RFC 1172: The Point-to-Point Protocol (PPP) Initial Configuration Options (Available at ftp://ftp.isi.edu/in-notes/rfc1172.txt); Drew D. Perkins and Russ Hobby; July 1990; Pages 1-38.						
	Y	RFC 1188: A Proposed Standard for the Transmission of IP Datagrams over FDDI Networks (Available at ftp://ftp.isi.edu/in-notes/rfc1188.txt); Dave Katz; October 1990; Pages 1 – 11.						
	Z	RFC 1201: Transmitting IP Traffic over ARCNET Networks (Available at ftp://ftp.isi.edu/in-notes/rfc1201.txt); Don Provan; February 1991; Pages 1 – 7.						
	AA	RFC 1209: The Transmission of IP Datagrams over the SMDS Service (Available at ftp://ftp.isi.edu/in-notes/rfc1209.txt); Dave Piscitello and Joseph Lawrence; March 1991; Pages 1 – 11.						
	AB	RFC 1220: Point-to-Point Protocol Extensions for Bridging (Available at ftp://ftp.isi.edu/in-notes/rfc1220.txt); Fred Baker; April 1991; Pages 1 – 18.						
	AC	RFC 1226: Internet Protocol Encapsulation of AX.25 Frames (Available at ftp://ftp.isi.edu/in-notes/rfc1226.txt); Brian Kantor; May 1991; Pages 1 – 2.						
	AD	RFC 1234: Tunneling IPX Traffic through IP Networks (Available at ftp://ftp.isi.edu/in-notes/rfc1234.txt); Don Provan; June 1991; Pages 1 – 6.						
	AE	RFC 1241: A Scheme for an Internet Encapsulation Protocol: Version 1 (Available at ftp://ftp.isi.edu/in-notes/rfc1241.txt); Robert A. Woodburn and David L. Mills; July 1991; Pages 1 – 17.						
	AF	RFC 1242: Benchmarking Terminology for Network Interconnection Devices (Available at ftp://ftp.isi.edu/in-notes/rfc1242.txt); Scott Bradner, Editor; July 1991; Pages 1 – 12.						
	AG	RFC 1256: ICMP Router Discovery Messages (Available at ftp://ftp.isi.edu/in-notes/rfc1256.txt); Stephen E. Deering, Editor; September 1991; Pages 1 – 19.						
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		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
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	AH	RFC 1293: Inverse Address Resolution Protocol (Available at ftp://ftp.isi.edu/in-notes/rfc1293.txt); Terry Bradley and Caralyn Brown; January 1992; Pages 1-6.					
	AI	RFC 1294: Multiprotocol Interconnect over Frame Relay (Available at ftp://ftp.isi.edu/in-notes/rfc1294.txt); Terry Bradley, Caralyn Brown, and Andrew G. Malis; January 1992; Pages 1-28.					
	AJ	RFC 1326: Mutual Encapsulation Considered Dangerous (Available at ftp://ftp.isi.edu/in-notes/rfc1326.txt); Paul Tsuchiya; May 1992; Pages 1 – 5.					
	AK	RFC 1329: Thoughts on Address Resolution for Dual MAC FDDI Networks (Available at ftp://ftp.isi.edu/in-notes/rfc1329.txt); Peter Kuehn; May 1992; Pages 1 – 28.					
	AL	RFC 1331: The Point-to-Point Protocol (PPP) for the Transmission of Multi-protocol Datagrams over Point-to-Point Links (Available at ftp://ftp.isi.edu/in-notes/rfc1331.txt); William Allen Simpson; May 1992; Pages 1 – 66.					
	AM	RFC 1332: The PPP Internet Protocol Control Protocol (IPCP) (Available at ftp://ftp.isi.edu/in-notes/rfc1332.txt); Glenn McGregor; May 1992; Pages 1 – 12.					
	AN	RFC 1333: PPP Link Quality Monitoring (Available at ftp://ftp.isi.edu/in-notes/rfc1333.txt); William Allen Simpson; May 1992; Pages 1 – 15.					
	AO	RFC 1335: A Two-Tier Address Structure for the Internet: A Solution to the Problem of Address Space Exhaustion (Available at ftp://ftp.isi.edu/in-notes/rfc1335.txt); Zheng Wang and Jon Crowcroft; May 1992; Pages 1 – 7.					
	AP	RFC 1356: Multiprotocol Interconnect on X.25 and ISDN in the Packet Mode (Available at ftp://ftp.isi.edu/in-notes/rfc1356.txt); Andrew G. Malis, David Robinson, and Robert L. Ullmann; August 1992; Pages 1 – 14.					
	AQ	RFC 1376: The PPP DECnet Phase IV Control Protocol (DNCP) (Available at ftp://ftp.isi.edu/in-notes/rfc1376.txt); Steven J. Senum; November 1992; Pages 1 – 6.					
<p>* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.</p>							
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

AR	RFC 1377: The PPP OSI Network Layer Control Protocol (OSINLCP) (Available at ftp://ftp.isi.edu/in-notes/rfc1377.txt); Dave Katz; November 1992; Pages 1 – 10.
AS	RFC 1378: The PPP AppleTalk Control Protocol (ATCP) (Available at ftp://ftp.isi.edu/in-notes/rfc1378.txt); Brad Parker; November 1992; Pages 1 – 16.
AT	RFC 1381: SNMP MIB Extension for X.25 LAPB (Available at ftp://ftp.isi.edu/in-notes/rfc1381.txt); Dean D. Throop and Fred Baker; November 1992; Pages 1 – 33.
AU	RFC 1382: SNMP MIB Extension for the X.25 Packet Layer (Available at ftp://ftp.isi.edu/in-notes/rfc1382.txt); Dean D. Throop, Editor; November 1992; Pages 1 – 69.
AV	RFC 1390: Transmission of IP and ARP over FDDI Networks (Available at ftp://ftp.isi.edu/in-notes/rfc1390.txt); Dave Katz; January 1993; Pages 1 – 11.
AW	RFC 1393: Traceroute Using an IP Option (Available at ftp://ftp.isi.edu/in-notes/rfc1393.txt); Gary Scott Malkin; January 1993; Pages 1 – 7.
AX	RFC 1479: Inter-Domain Policy Routing Protocol Specification: Version 1 (Available at ftp://ftp.isi.edu/in-notes/rfc1479.txt); Martha Steenstrup; July 1993; Pages 1 – 108.
AY	RFC 1483: Multiprotocol Encapsulation over ATM Adaptation Layer 5 (Available at ftp://ftp.isi.edu/in-notes/rfc1483.txt); Juha Heinanen; July 1993; Pages 1 – 16.
AZ	RFC 1490: Multiprotocol Interconnect over Frame Relay (Available at ftp://ftp.isi.edu/in-notes/rfc1490.txt); Terry Bradley, Caralyn Brown, and Andrew G. Malis; July 1993; Pages 1 – 35.
BA	RFC 1547: Requirements for an Internet Standard Point-to-Point Protocol (Available at ftp://ftp.isi.edu/in-notes/rfc1547.txt); Drew Perkins; December 1993; Pages 1 – 21.

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

BB	RFC 1548: The Point-to-Point Protocol (PPP) (Available at ftp://ftp.isi.edu/in-notes/rfc1548.txt); William Allen Simpson; December 1993; Pages 1 – 53.
BC	RFC 1549: PPP in HDLC Framing (Available at ftp://ftp.isi.edu/in-notes/rfc1549.txt); William Allen Simpson, Editor; December 1993; Pages 1 – 18.
BD	RFC 1552: The PPP Internetwork Packet Exchange Control Protocol (IPXCP) (Available at ftp://ftp.isi.edu/in-notes/rfc1552.txt); William Allen Simpson; December 1993; Pages 1 – 16.
BE	RFC 1577: Classical IP and ARP over ATM (Available at ftp://ftp.isi.edu/in-notes/rfc1577.txt); Mark Laubach; January 1994; Pages 1 – 17.
BF	RFC 1579: Firewall-Friendly FTP (Available at ftp://ftp.isi.edu/in-notes/rfc1579.txt); Steven M. Bellovin; February 1994; Pages 1 – 4.
BG	RFC 1597: Address Allocation for Private Internets (Available at ftp://ftp.isi.edu/in-notes/rfc1597.txt); Yakov Rekhter, Robert G Moskowitz, Daniel Karrenberg, and Geert Jan de Groot; March 1994; Pages 1 – 8.
BH	RFC 1598: PPP in X.25 (Available at ftp://ftp.isi.edu/in-notes/rfc1598.txt); William Allen Simpson; March 1994; Pages 1 – 7.
BI	RFC 1613: cisco Systems X.25 over TCP (XOT) (Available at ftp://ftp.isi.edu/in-notes/rfc1613.txt); James R. Forster, Greg Satz, Gilbert Glick, and Bob Day; May 1994; Pages 1 – 13.
BJ	RFC 1618: PPP over ISDN (Available at ftp://ftp.isi.edu/in-notes/rfc1618.txt); William Allen Simpson; May 1994; Pages 1 – 6.
BK	RFC 1619: PPP over SONET/SDH (Available at ftp://ftp.isi.edu/in-notes/rfc1619.txt); William Allen Simpson; May 1994; Pages 1 – 4.

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	BL	RFC 1627: Network 10 Considered Harmful (Some Practices Shouldn't be Codified) (Available at ftp://ftp.isi.edu/in-notes/rfc1627.txt); Eliot Lear, Erik Fair, Dave Crocker, and Thomas Kessler; July 1994; Pages 1 – 8.						
	BM	RFC 1631: The IP Network Address Translator (NAT) (Available at ftp://ftp.isi.edu/in-notes/rfc1631.txt); Kjeld Borch Egevang and Paul Francis; May 1994; Pages 1 – 10.						
	BN	RFC 1638: PPP Bridging Control Protocol (BCP) (Available at ftp://ftp.isi.edu/in-notes/rfc1638.txt); Fred Baker and Rich Bowen, Editors; June 1994; Pages 1 – 28.						
	BO	RFC 1661: The Point-to-Point Protocol (PPP) (Available at ftp://ftp.isi.edu/in-notes/rfc1661.txt); William Allen Simpson; July 1994; Pages 1 – 52.						
	BP	RFC 1662: PPP in HDLC-like Framing (Available at ftp://ftp.isi.edu/in-notes/rfc1662.txt); William Allen Simpson; July 1994; Pages 1 – 25.						
	BQ	RFC 1663: PPP Reliable Transmission (Available at ftp://ftp.isi.edu/in-notes/rfc1663.txt); Dave Rand; July 1994; Pages 1 – 8.						
	BR	RFC 1700: Assigned Numbers (Available at ftp://ftp.isi.edu/in-notes/rfc1700.txt); Joyce K. Reynolds and Jon Postel; October 1994; Pages 1 – 230.						
	BS	RFC 1701: Generic Routing Encapsulation (GRE) (Available at ftp://ftp.isi.edu/in-notes/rfc1701.txt); Stan Hanks, Tony Li, Dino Farinacci, and Paul Traina; October 1994; Pages 1 – 8.						
	BT	RFC 1702: Generic Routing Encapsulation over IPv4 networks (Available at ftp://ftp.isi.edu/in-notes/rfc1702.txt); Stan Hanks, Tony Li, Dino Farinacci, and Paul Traina; October 1994; Pages 1 – 4.						
	BU	RFC 1717: The PPP Multilink Protocol (MP) (Available at ftp://ftp.isi.edu/in-notes/rfc1717.txt); Keith Sklower, Brian Lloyd, Glenn McGregor, and Dave Carr; November 1994; Pages 1 – 21.						
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BV	RFC 1739: A Primer On Internet and TCP/IP Tools (Available at ftp://ftp.isi.edu/in-notes/rfc1739.txt); Gary C. Kessler and Steven D. Shepard; December 1994; Pages 1 – 46.
BW	RFC 1752: The Recommendation for the IP Next Generation Protocol (Available at ftp://ftp.isi.edu/in-notes/rfc1752.txt); Scott Bradner and Allison Mankin; January 1995; Pages 1 – 52.
BX	RFC 1755: ATM Signaling Support for IP over ATM (Available at ftp://ftp.isi.edu/in-notes/rfc1755.txt); Maryann Perez Maher, Fong-Ching Liaw, and Allison Mankin; February 1995; Pages 1 – 32.
BY	RFC 1762: The PPP DECnet Phase IV Control Protocol (DNCP) (Available at ftp://ftp.isi.edu/in-notes/rfc1762.txt); Steven J. Senum; March 1995; Pages 1-7.
BZ	RFC 1763: The PPP Banyan Vines Control Protocol (BVCP) (Available at ftp://ftp.isi.edu/in-notes/rfc1763.txt); Steven J. Senum; March 1995; Pages 1 – 10.
CA	RFC 1764: The PPP XNS IDP Control Protocol (XNSCP) (Available at ftp://ftp.isi.edu/in-notes/rfc1764.txt); Steven J. Senum; March 1995; Pages 1 – 5.
CB	RFC 1788: ICMP Domain Name Messages (Available at ftp://ftp.isi.edu/in-notes/rfc1788.txt); William Allen Simpson; April 1995; Pages 1-7\.
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